



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBW6305G17631-3G
Job Sheet 172378



Handwritten initials

Part No: RBW6305G17631-3G **Job Qty:** 3 ea

Part Name: Tool Pump 1-2-3 Drive Quill Lip Seal Remover



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/16/18

Job Tracking No:

Due Date: 4/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6305G17631-3G Rev B IPP Rev A 18.02.15 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	3 pcs		4/16/18	0.00	0.00	Purchasing		<i>At 18/04/26</i>
110	Packaging	3 pcs		4/16/18	0.00	0.00	Packaging2		<i>At 18/04/26</i>
120	QC	3 pcs		4/16/18	0.00	0.00	QC6		<i>38</i>
130	Packaging	3 pcs		4/16/18	0.00	0.00	Packaging3		<i>APR 27 2018</i>
140	QC21-FG	3 Ea		4/16/18	0.00	0.00	QC21		<i>APR 27 2018</i>

Part Op 100 - Issue PO to ARROW TECH MACHINE WORKS P/O: *037084* MANUFACTURE RBW6305G17631-3G AS PER
Descriptions: DWG -Certificate of conformity is required **FEB 22 2018** *1263*

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBW6305G17631-3GP	Tool Pump 1-2-3 Drive Quill Lip Seal Remover	3 (1 ea)	100-Purchasing	<i>565873</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6305G17631-3GP	3	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order

Change No:
Operation:
Revision:
Serial No/Batch: S065874
PART NO: RBW6305G17631-3G

Packaging
 Mtg Date: 04/26/18
 Job No: 172378

Tool Pump 1-2-3 Drive Quill Lip Seal Remover

Container No: S065874

Completed By

Lead hand / Supervisor
Approval VerificationQC / QA Coordinator
Approval

Root Cause	
Environment	☐ No Re-verification
Design	☐ Operator
Doc/Data	☐ Offset/Setup
Equip/Tooling	☐ Supplier
Handling/Pre	☐ Training
Material	☐ Use for Testing
Internal Transport	☐ Poor Information
Tribal Knowledge	☐ Rushing
LOA	☐ Product Improvement
Substation	☐ Process Improvement
Past Expiry Date	☐ Manufacturing Process
Misidentified	☐ Past Due

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 Hawkesbury, ON K64 1K7
 CANADA
 TEL: 1 613 632-5200
 Email: sales@dartaero.com
 www.dartaerospace.com

☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Wave/Twist in Tube
☐ Marks/Chatter

☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Instructions Incomplete/Unclear
☐ Drill Holes

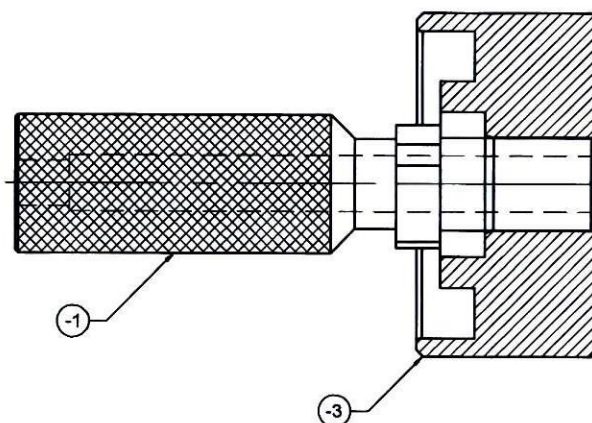
☐ Out of Sequence
☐ Off-set
☐ Mislabeled
☐ Fit/Function
☐ Misaligned/off center

☐ Positioned Wrong
☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Drawing
☐ Finish
☐ Misread
☐ Turning Sequence

OTHER :

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	CH'D -3 ENGRAVE NOTES PER R.W.	5/6/11	RJC	RW
B	CH'D TOOL NAME WAS DRIVE QUILL LIP SEAL REMOVER IS TOOL, PUMP 1-2-3 DRIVE QUILL LIP SEAL REMOVAL TO MATCH PARTS MANUAL.	11/1/13	RJC	RW



ASSEMBLY

NOTES

1. ALSO SOLD WITH KIT RBW6305G01531-3G, BOX ONE RBW6305G19631-3G.

RED BARN MACHINE	
TITLE TOOL, PUMP 1-2-3 DRIVE QUILL LIP SEAL REMOVER	
DWG NO. RBW6305G17631-3G	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	METRIC REF. XXmm ± .1mm FRACTIONS ± 1/32 ANGLES ± 5°
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	DRAWN BY: CLOUGH APPROVED: <i>D. Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL AW139
SCALE NTS	DATE 2-3-11 SHEET 1 of 3

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg
			-1	1	HANDLE	6061 RND. BAR	Ø1-5/8 x 6-7/8	2
			-3	1	RECIEVER	6061 RND. BAR	Ø4 x 2-3/16	3
ASSY #								

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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PURCHASE ORDER

PO039084

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Line Item Note	job# 172405										
23	RBW6305G13731-3GP			Gimball Carbon Seal Remover As Per Dwg RBW6305G13731-3G Rev. 2	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$362.28/Ea	\$1,086.84
							✓ 3x			AT 18/4/26	
Line Item Note	job# 172401										
24	RBW6305G13231-3GP			Gimball Carbon Seal Installer As Per Dwg RBW6305G13231-3G Rev. B	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$984.42/Ea	\$2,953.26
Line Item Note	job# 172399										
25	RBW6305G14031-3GP			Gimball Carbon Seal Remover As Per Dwg RBW6305G14031-3G Rev. 2	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$639.24/Ea	\$1,917.72
Line Item Note	job# 172397										
26	RBW6305G14331-3GP			Upper Module Lip Seal Installer As Per Dwg RBW6305G14331-3G Rev. 1	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$758.42/Ea	\$2,275.26
Line Item Note	job# 172382										
27	RBW6305G18251-3GP			Guide Pumps/Ecs Drive Quill Seal Housing Installer As Per Dwg RBW6305G18251-3G Rev. A	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$132.32/Ea	\$396.96
							✓ 3x			AT 18/4/16	
Line Item Note	job# 172381										
28	RBW6305G17631-3GP			Tool Pump 1-2-3 Drive Quill Lip Seal Remover As Per Dwg RBW6305G17631-3G Rev. B	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$496.30/Ea	\$1,488.90
							✓ 3x			AT 18/4/26	
Line Item Note	job# 172378										
29	RBW6305G17931-3GP			Tool Pump 1-2-3 Drive Quill Lip Seal Installer As Per Dwg RBW6305G17931-3G Rev. B	Firmed	4/9/18	3 Ea	0 Ea	3 Ea	\$392.72/Ea	\$1,178.16
							✓ 3x			AT 18/4/16	
Line Item Note	job# 172377										
30	RBW6305G17131-3GP			Drive Quill Seal Housing Removal Tool As Per Dwg RBW6305G17131-3G Rev. 3	Firmed	4/16/18	3 Ea	0 Ea	3 Ea	\$905.64/Ea	\$2,716.92
							✓ 3x			AT 18/4/26	
Line Item Note	job# 172376										



ARROW TECH MACHINE WORKS

Certificate of Conformance

Your Purchase Order No:039084

Dated: 04/24/2018

Our Order / Job No: 04AWT

Order Qty: 3

Part Name: Tool, Pump 1-2-3 Drive Quill Lip Seal Remover

Part Number: RBW6305G17631-3G

Lot Size:N/A

Ship Date: 04/24/2018

We certify that these parts shipped to you are of domestic or international manufacture and conform to all requirements of the Purchase Order. These parts have been manufactured and inspected in accordance with all required specifications, instructions and drawings. Any applicable specifications are listed below:

Drawing Number: RBW6305G17631-3G

Rev:B

Material Size and Type: -1/6061 Alum.; -3/ 6061 Alum.

Material Specifications: Aluminum-ASTM B221

Heat Treatment: N/A

Plating/Finish: CLEAR ANODIZE: MIL-A-8625F, TYPE II, CLASS I

Mercury Contamination: The material used to process this order has not come in contact with mercury or mercury bearing instruments.

Date: 4/24/18

Signed: Herbert M. Pelt

DAB
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9-89

APR 27 2018

PHGE Machine Works LLC dba Arrow Tech Machine Works
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www.attechmachineworks.com